

IN THE SPECIFICATION

Please amend the specification as follows:

Please amend the last paragraph starting on page 20, line 18 and continuing to page 21, line 3 as follows:

Further, Fig. 8 is a diagram showing the relation between the selected low-frequency suppression parameter α and the data error rate (reliability of the data detection) with respect to the reproduced signal with parameter K of 1.5. As apparent from Fig. 8, when α is set up within the range of from 0.1 to 1 ($0.1 \leq \alpha \leq 1$), the equalization system can bring about a lower data error rate, compared with the case of $\alpha=0$, that is, compared with the equalization system of completely ~~cutting off~~ passing through the DC component. For the real reproduced signal in the perpendicular magnetic recording/ reproducing system, an optimal value of α is selected in accordance with the characteristic of the reproduced signal and the medium noise.